

CATALOGUE OF THE FRESH-WATER FISHES OF CENTRAL  
AMERICA AND SOUTHERN MEXICO.

BY

CARL H. EIGENMANN,

*Professor of Zoölogy, Indiana University.*

In this paper I have endeavored to complete the enumeration of the tropical American fresh-water fishes. The species inhabiting this region should have been enumerated with the South American species\* with which they are closely related. The list was omitted because several works bearing on these fishes could not be examined before the South American catalogue went to press.

The region covered by this catalogue embraces the fresh waters north of the Isthmus of Panama to the Tropic of Cancer.

---

\* Proc. U. S. Nat. Mus., 1891, pp. 1-81. Since this paper was published a number of new species have been described. I take this occasion to add these and also to give a number of species overlooked in the former paper.

*Bunocephalus iheringii* Boulenger. Proc. Zoöl. Soc., 1891, 235.

*Pseudopimelodus cottoides* Boulenger. Proc. Zoöl. Soc., 1891, 233. (Closely allied to *P. parahybæ* Steindachner.)

*Pimelodella eigenmanni* Boulenger=*P. buckleyi* E. & F., not Boulenger.

*Pimelodus nigribarbis* Boulenger. Proc. Zoöl. Soc., 1891, 232. Distinct from *P. valenciennisi* Luetken.

*Pimelodus argentus* Perugia. Ann. Mus. Genov. (2) x, 631, 1892. Plate, R. Parana.

*Pimelodus spegazzinii* Perugia. Loc. cit. 632. Durango.

*Pygidium minutum* (Boulenger). Proc. Zoöl. soc., 1891, 235.

*Acanthopoma annectens* Luetken. Vidensk. Medd., 1892. (Near *Stegophilus*.)

*Otocinclus nigricanda* Boulenger. Proc. Zoöl. Soc., 1891, 234.

*Charostomus aculeatus* Perugia. Ann. Mus. Genov. (2) x, 677, 1882. Paraguay.

*Loricaria cadeæ* Hensel=*L. lima* Kner.

*Loricaria eransii* Boulenger. Jaganda, Matto Grosso, Brazil. Ann. and Mag. Nat. Hist. July, 1892.

*Elopomorphus trilineatus*?

*Elopomorphus orinocensis* Steindachner. Orinoco. Ichthyol. Beiträge, xix, 1888.

*Plethodectes erythrurus* Cope. *Chalcus erythrurus* Cope.

*Tetragonopterus steindachneri* sp. nov. Iquitos. Loc. cit., xv, July 26, 1892. The name *lineatus* is preoccupied by *T. lineatus* Perugia. April, 1892.

*Tetragonopterus anomalus* Steindachner. Corrientes. Loc. cit., 27.

*Tetragonopterus nigriplinnis* Perugia. Ann. Mus. Genov. (2) x, 613, April, 1892.

*Tetragonopterus lineatus* Perugia. Loc. cit., 614.

*Tetragonopterus moorii* Boulenger. Chapala, Matto Grosso. Ann. and Mag. Nat. Hist., July, 1892.

## PETROMYZONTIDÆ.

## LAMPETRA Gray.

*Lampetra spadicea* Bean. Guanajuato, Mexico. Proc. U. S. Nat. Mus., 1887, 374, Pl. XX, Fig. 6.

## GALEORHINIDÆ.

## EULAMIA Gill.

*Eulamia nicaraguensis* Gill. Rio San Juan. Proc. Acad. Nat. Sci. Phila., 1877.

## LEPIDOSTEIDÆ.

## LEPIDOSTEUS Lacépède.

*Lepidosteus tropicus* Gill. Mexico, Guatemala. Proc. Acad. Nat. Sci. Phila., 1863, 172.

## SILURIDÆ.

## AMIURUS Rafinesque.

*Amiurus dugèsii* Bean. Rio Turbie, Guanajuato, Mexico. Proc. U. S. Nat. Mus., 1879, 304.

## ICTALURUS Rafinesque.

*Ictalurus meridionalis* (Guenther). Rio Usamacinto, Guatemala. Cat. Fish. Brit. Mus., v, 102, 1864.

## RHAMDELLA Eigenmann and Eigenmann.

*Rhamdella parryi* E. & E.—Rio Zamaleco near Tonala, Chiapas, Mexico. Proc. Cal. Acad. Sci., 2d ser. 1, 130.

*Rhamdella petenensis* (Guenther) Lake Peten, Chiapas, Mexico. Cat. Fish. Brit. Mus., v, 126.

*Rhamdella brachyptera* (Cope). Mexico. Trans. Am. Philos. Soc., XIII, 104.

*Brachyhalcinus retrospina* Boulenger. Santa Cruz, Matto Grosso. Loc. cit., 12.  
 "Intermediate between *Tetragonopterus* Cuv. and *Luetkenia* Stdr. \* \* \* Differing from both in having a movable spine, directed forwards in front of the dorsal fin.

*Pseudocoryuopoma doriae* Perugia. Arroyo Miguelete. Ann. Mus. Genova (2), x, 1891, 616, fig. (April.) *Bergia altipinnis* Steindachner. (July, 1891.)

*Piabuca malanostoma* Holmberg. Argentina. Bol. Ac. Córdoba, 1887.

*Xiphorhamphus jennyusii* Guenther. This is said to be a good species.

*Xiphophorus heckeli* Weyenberg. Primero River. Versl. Ak. Amst. (2) VIII, 291, 18—.

*Haplochilus balzanii* Perugia. 653.

*Orestias bairdi* Cope. Titicaca. J. Acad. Phila., 1876.

*Orestias ortonii* Cope. Titicaca. Loc. cit.

*Orestias frontosus* Cope. Titicaca. Loc. cit.

*Rhodocoides raillanti* Thomiot. Bolivia, Magdalena. Bull. Soc. Philom. (7), VIII, 150, 1881.

*Percichthys vinciguerra* Perugia. Loc. cit., 610.

*Crenicichla punctata et polysticta* Hensel=*C. lacustris* (Castelnau).

*Geophagus balzanii* Perugia, 632. Prio Paraguay, Matto Grosso.

*Geophagus rhabdotus, bucephalus, labiatus, scymnophilus, et pygmaeus* Hensel=*G. brasiliensis* Quoy and Gaimard.

I wish to acknowledge my indebtedness to Dr. von Ihering, of Rio Grande Do Sul, for suggesting many of the above corrections.

- Rhamdella baronis mülleri* (Troschel). Pacific coast of Mexico. Mueller, Wierhelth, Mexico, 1865, 102.
- Rhamdella guatemalensis* (Guenther). Huamuchal, Guatemala, Nicaragua. Cat. Fish. Brit. Mus., v, 122.
- Rhamdella salvini* (Guenther). Rio San Geranimo, Guatemala. Loc. cit., 130.
- Rhamdella policaulus* (Guenther). Rio San Geranimo. Loc. cit., 131.
- Rhamdella managuensis* (Guenther). Lake Managua. Guenther, Fishes Central America, 393 and 476, 1866.
- Rhamdella hypselurus* (Guenther). Mexico. Cat. Fish. Brit. Mus., v, 126.
- Rhamdella motaguensis* (Guenther). Rio Motagua. Loc. cit., 127.
- Rhamdella laticauda* (Heckel). Mexico. Loc. cit., 127.
- Rhamdella nicaraguensis* (Guenther). Lake Nicaragua. Loc. cit., 125.
- Rhamdella micropterus* (Guenther). Rio San Geranimo. Loc. cit., 124.
- Rhamdella godmani* (Guenther). Lower Vera Paz, Mexico. Loc. cit., 124.

## CATOSTOMIDÆ.

## ICTIOBUS Rafinesque.

- Ictiobus meridionalis* (Guenther). Rio Usunacinta. Guenther, Fishes Central America, 486, 1866.

## MOXOSTOMA Rafinesque.

- Moxostoma austrina* Bean. Guanajuato. Proc. U. S. Nat. Mus., 1878, 302.

## CYPRINIDÆ.

## ALGANSEA Girard.

- Algansea australe* Jordan. Lake Tupatazo, Guanajuato, Mexico. Proc. U. S. Nat. Mus., 1879, 300.

## NOTROPIS Rafinesque.

- Nctropis altus* Jordan. Lake Tupatazo, Guanajuato, Mexico. Loc. cit., 301.
- Notropis sallæi* Guenther. Cuernavaca, Mexico. Cat. Fish. Brit. Mus., v, 11, 484.
- Notropis nigrotæniatus* Guenther. Altisco, Mexico. Loc. cit., 485.

## CHARACINIDÆ.

## TETRAGONOPTERUS Cuvier.

- Tetragonopterus fasciatus* Cuvier. Mexico, Guatemala, Rio Chisoy, Vera Paz. Rio Guacalate, Rio San Juan outlet of Lake Nicaragua.
- Tetragonopterus microphthalmus* Guenther. Pacific coast of Guatemala. Cat. Fish. Brit. Mus., v, 324.
- Tetragonopterus panamensis* Guenther. Guatemala; Panama. Loc. cit., 324.
- Tetragonopterus brevimanus* Guenther. Yzabal and Rio San Geranimo. Guatemala. Loc. cit., 324.
- Tetragonopterus petenensis* Guenther. Lake Peten. Loc. cit., 326.
- Tetragonopterus lineus* Guenther. Rio Frijoli; Oaxaca, Mexico. Loc. cit., 326.
- Tetragonopterus humilis* Guenther. Lake Amatitlan, Guatemala. Loc. cit., 327.
- Tetragonopterus mexicanus* Filippi, Lake Mexico, Izucar. Steind., Ichth. Not., ix, 1869, 11.
- Tetragonopterus scabripinnis* Jenyns. Xamapa, Mexico. Guenther, Cat. Fish. Brit. Mus., v, 325.
- Tetragonopterus belizianus* Bocourt. Belize. Bocourt in Ann. Sc. Nat., 1868, ix, 62.

- Tetragonopterus cobanensis* Bocourt. Rivers of Coban. Loc. cit., 62.  
*Tetragonopterus finitimus* Bocourt. Orizaba. Loc. cit., 62.  
*Tetragonopterus fulgens* Bocourt. Province of Guernavaca. Loc. cit., 62.  
*Tetragonopterus nitidus* Bocourt. De Tasco. Loc. cit., 62.  
*Tetragonopterus oaxacanensis* Bocourt. Oaxaca. Loc. cit., 62.  
*Tetragonopterus argentatus* Baird and Girard. Arkansas to Mexico.

## BRYCON Müller and Troschel.

## CHALCINOPSIS Kner.

- Brycon den\*ex* Guenther. Lake Nicaragua, Rio Motaguá, Rio Usumacinto, Yzabal. Cat. Fish. Brit. Mus., v, 337.

## RÆSTES Guenther.

- Ræstes guatemalensis* (Guenther). Huamnehal, Lake Nicaragua. Cat. Fish. Brit. Mus., v, 317.

## BRAMOCHARAX Gill.

- Bramocharax transfordi* Gill. Lake Nicaragua. Proc. Acad. Sci. Philad., 1877, 187.

## DOROSOMIDÆ.

## DOROSOMA Rafinesque.

- Dorosoma petenensis* Guenther. Lake Peten. Cat. Fish. Brit. Mus., vii, 408.

## CYPRINODONTIDÆ.

## CHARACODON Guenther.

- Characodon ferrugineus* Bean. Guanajuato, Mexico. Proc. U. S. Nat. Mus., 1887, 372.  
*Characodon variatus* Bean. Guanajuato, Mexico. Loc. cit., 370.  
*Characodon lateralis* Guenther. Central America. Cat. Fish. Brit. Mus., vi, 308.  
*Characodon bilineatus* Bean. Guanajuato. Proc. U. S. Nat. Mus., 1887, 370.  
*Characodon fuscidens* Jordan and Gilbert. Streams tributary to the Gulf of California and southward. Proc. U. S. Nat. Mus., 1882, 354.  
*Characodon atripinnis* Jordan. Guanajuato. Proc. U. S. Nat. Mus., 1879, 354.

## GIRARDINICHTHYS Bleeker.

- Girardinichthys innominatus* Bleeker. Near City of Mexico. Günther, Cat. Fish. Brit. Mus., vi, 309.

## ZYGONECTES Agassiz.

- Zygonectes dovii* Guenther. Punta Arena, Costa Rica. Cat. Fish. Brit. Mus., vi, 316.

## FUNDULUS Lacépède.

- Fundulus labialis* Guenther. Rio San Geronimo, Yzabel, Guatemala. Loc. cit., 319.  
*Fundulus punctatus* Guenther. Chiapam. Loc. cit., 320.  
*Fundulus guatemalensis* Guenther. Lakes Dueñas and Amatitlan, Rio Guacalate, (Western Ecuador). Loc. cit., 321.  
*Fundulus pachycephalus* Guenther. Lake Atitlan, Guatemala. Loc. cit., 322.  
*Fundulus dugèsi* Bean. Guanajuato, Mexico. Proc. U. S. Nat. Mus., 1887, 373, Pl. XX, Fig. 5.

## PSEUDOXIPHOPHORUS Bleeker.

*Pseudoxiphophorus bimaculatus* Heckel. Cordova, Mexico, Guenther, Cat. Fish. Brit. Mus., vi, 332. *Pœciliodus bimaculatus* Steindachner.

*Pseudoxiphophorus reticulatus* Troschel. Mexico. Guenther, Cat. Fish. Brit. Mus., vi, 333.

## BELONESOX Kner.

*Belonesox belizanus* Kner. Lake Peten, Honduras, Guatemala, Mexico. Guenther, Cat. Fish. Brit. Mus., vi, 333.

## GAMBUSIA Poey.

*Gambusia episcopi* Steindachner. Obispo. Ichthyol. Beitr., vi, 11, 1878.

*Gambusia nicaraguensis* Guenther. Lake Nicaragua. Guenther, Cat. Fish. Brit. Mus., vi, 336.

*Gambusia gracilis* Heckel. Orizaba, Mexico. Guenther, Cat. Fish. Brit. Mus., vi, 336.

## ANABLEPS Linnæus.

*Anableps dowei* Gill. Chiapam, Guatemala. Guenther, Cat. Fish. Brit. Mus., vi, 338.

## PÆCILIA Bloch and Schneider.

*Pœcilia mexicana* Steindachner. Chiapam, Rio Chisoy, Vera Paz, Lake Amatitlan. Guenther, Cat. Fish. Brit. Mus., v, 341.

*Pœcilia thermalis* Steindachner. San Salvador, warm springs. Günther, loc. cit., 341. *P. modesta* Troschel.

*Pœcilia chisoyensis* Guenther. River Chisoy, Vera Paz. Cat. Fish. Brit. Mus., v, 342.

*Pœcilia petenensis* Guenther. Lake Peten. Loc. cit., 342.

*Pœcilia sphenops* Cuvier & Valenciennes. Mexico, Vera Cruz. Guenther, Cat. Fish., Brit. Mus., vi, 343.

*Pœcilia dovii* Guenther. Lake Nicaragua, Mexico. Loc. cit., 344. ? *G. plumbea* Troschel.

*Pœcilia spilurus* Guenther. Central America. Loc. cit., 345.

? *Pœcilia couchii* Girard. Rio San Juan, Province New Leon. Loc. cit., 346.

*Pœcilia fasciata* (Müller & Troschel). Mexico. Guenther. Loc. cit., 339.

*Pœcilia butleri* Jordan. Mazatlan. Proc. U. S. Nat. Mus., 1883, 330.

## MOLLIENESIA Leseur.

*Mollienesia petenensis* Guenther. Lake Peten. Guenther, Cat. Fish. Brit. Mus., vi, 348.

*Mollienesia formosa* Girard. Palo Alto, Mexico. Guenther. Loc. cit., vi, 349.

*Mollienesia jonesi* Guenther. Huamantla, Mexico. Ann. and Mag. Nat. Hist., xiv, 370, 1874.

## XIPHOPHORUS Heckel.

*Xiphophorus kelleri* Heckel. River Chisoy, Cordova, Mexico. Guenther, Cat. Fish. Brit. Mus., vi, 345.

## PLATYPECILIUS Guenther.

*Platyœcilius maculatus* Guenther. Mexico. Loc. cit., 350.

## GIRARDINUS Poey.

- Girardinus pleurospilus* Guenther. Lake Duenas, Guatemala. Loc. cit., 353.  
 ? *Girardinus occidentalis* Baird & Girard. Rio Santa Cruz, Mexico. Loc. cit., 354.

## MUGILIDÆ.

## AGONOSTOMUS Bennett.

- Agonostomus nasutus* Guenther. Rio San Geronimo. Loc. cit., 463. *Dajaus elongatus* Kner & Steindachner.  
*Agonostomus monticola* (Bancroft). Mexico (West Indies). Loc. cit., 464.  
*Agonostomus globiceps* Guenther. Vera Cruz. Guenther, Ann. and Mag. Nat. Hist. (1), xiv, 370.  
*Agonostomus microps* Guenther. Rio Guacalata. Cat. Fish. Brit. Mus., iii, 462.

## ATHERINIDÆ.

## CHIROSTOMA Swainson.

- Chirostoma humboldtiana* (Cuvier & Valenciennes). Mexico. Guenther, Cat. Fish. Brit. Mus., iii, 404. *A. romerina*, C. & V.  
*Chirostoma brasiliensis* Quoy & Gaimard. Mexico. Proc. U. S. Nat. Mus., 1879, 299.  
*Chirostoma estor* Jordan. Lake Chapala, Mexico. Loc. cit., 1870, 298.

## CICHLIDÆ.

## ASTRONOTUS Swainson.

## TERRAS.

- Astronotus irregularis* Guenther. Guatemala. Cat. Fish. Brit. Mus., iv, 284.

## ASTRONOTUS.

- Astronotus rectangularis* Steindachner. Mexico. Steind., Chromiden Mejicos.  
*Astronotus bifasciatus* Steindachner. Mexico. Loc. cit., 1.  
*Astronotus lentiginosus* Steindachner. Mexico. Loc. cit., 6.  
*Astronotus maculipinnis* Steindachner. Xamapa River. Loc. cit., 13.  
*Astronotus gibbiceps* Steindachner. Teapa River, Mexico. Loc. cit., 12.  
*Astronotus rostratus* Gill & Bransford. Lake Nicaragua. Proc. Acad. Nat. Sci., Philad., 1877, 181.  
*Astronotus balteatus* Gill & Bransford. Lake Nicaragua. Loc. cit., 181.  
*Astronotus centarchus* Gill & Bransford. Lake Nicaragua. Loc. cit., 185.  
*Astronotus basilatis* Gill & Bransford. Rio San Juan. Loc. cit., 182.  
*Astronotus beani* Jordan. Mazatlan. Proc. U. S. Nat. Mus., 1888, 332.  
*Astronotus pavonaceus* Garman. Monclava, Coahuila. Bull. Mus. Comp. Zool., 1881, 93.  
*Astronotus cœruleopunctatus* Kner & Steindachner. Rio Chagres (Western Slope Andes). Bair. Ak. Wiss., 1861. 16. Pl., Fig. 3.  
*Astronotus parma* Guenther. Xamapa River, Mexico. Cat. Fish. Brit. Mus., iv, 285.  
*Astronotus fenestratus* Guenther. Xamapa River, Mexico. Loc. cit., 285.  
*Astronotus margaritifer* Guenther. Lake Peten, Mamomi. Loc. cit., 287.  
*Astronotus melanopogon* Steindachner. Central Am. Steind., Chromiden Mejicos, 16.  
*Astronotus melanurus* Guenther. Lake Peten. Cat. Fish. Brit. Mus., iv, 288.

- Astronotus macracanthus* Guenther. Chiapan & Huanuchal. G. Fish Central America, 451.
- Astronotus spilurus* Guenther. Rio Motagua, Guatemala. Cat. Fish. Brit. Mus., iv, 289.
- Astronotus cyanoguttatus* Baird & Girard. Texas, Mexico. Guenther. Loc. cit. 290.
- Astronotus nigrofasciatus* Guenther. Atitlan and Amatitlan. Fishes Central America, 452.
- Astronotus multispinosus* Guenther. Lake Managua. Loc. cit., 453.
- Astronotus longimanus* Guenther. Lake Nicaragua. Loc. cit., 454.
- Astronotus helleri* Steindachner. Teapa River, Tabasco, Mexico. Steind., Chromiden Mejicos, 8.
- Astronotus urophthalmus* Guenther. Lake Peten. Cat. Fish. Brit. Mus., iv, 291.
- Astronotus troscheli* Steindachner. Mexico. Ichthyol., iv, 12.
- Astronotus aureus* Guenther. Mexico, Guatemala, Rio San Juan, Rio Motagua, Yzabal. Cat. Fish. Brit. Mus., iv, 292.
- Astronotus affinis* Guenther. Lake Peten. Loc. cit., 292.
- Astronotus labiatus* Guenther. Managua. Fish. Central America, 455.
- Astronotus erythræus* Guenther. Managua. Loc. cit., 457.
- Astronotus lobocheilus* Guenther. Managua. Loc. cit., 457.
- Astronotus citrinellus* Guenther. Nicaragua. Loc. cit., 459.
- Astronotus altifrons* Kuer & Steindachner. Western Veragua. Guenther, fishes of Central America, 459.
- Astronotus friedrichthali* Heckel. Lake Peten, Rio San Juan. Guenther, Cat. Fish. Brit. Mus. iv., 294.
- Astronotus salvini* Guenther. Lake Peten, Yzabal. Loc. cit., 294. *Heros tri-gramma*, Steindachner.
- Astronotus trimaculatus* Guenther. Chiapan, Huanuchal. Fishes of Central America, 461.
- Astronotus dovii* Guenther. Lake Nicaragua. Loc. cit., 461.
- Astronotus motaguensis* Guenther. Motagua. Loc. cit., 462.
- Astronotus managuensis* Guenther. Managua. Loc. cit., 463.
- Astronotus microphthalmus* Guenther. Rio Motagua. Cat. Fish. Brit. Mus., iv., 295.
- Astronotus oblongus* (Guenther). Rio Motagua; Fishes of Central America, 464.
- Astronotus nicaraguensis* Guenther. Nicaragua. Loc. cit., 465.
- Astronotus deppii* Heckel. Mexico; G. Cat. Fish. Brit. Mus., iv., 296.
- Astronotus montezuma* Heckel. Mexico; G. Loc. cit., 296.
- Astronotus godmanni* Guenther. Cahabon River, Guatemala. G. Loc. cit., 297.
- Astronotus nebulifer* Guenther. Mexico. Loc. cit., 297.
- Astronotus sieboldi* Kuer & Steindachner. New Granada; G. Fish. Central America, 466.
- Astronotus irregularis* Guenther. Rivers Chisoy, San Geranimo, and Santa Isabel, Loc. cit., 467.
- Astronotus intermedius* Guenther. Lake Peten; G. Cat. Fish. Brit. Mus., iv., 298.
- Astronotus angulifer* Guenther. Santa Isabel River. Loc. cit., 298.

## PETENIA.

- Astronotus splendida* Guenther. Lake Peten. Loc. cit., 301. *Heros insidiator* Heckel.

## NEETROPLUS Guenther.

- Neetroplus nicaraguensis* Gill & Bransford. Lake Nicaragua. Proc. Acad. Nat. Sci. Philad., 1877. 186.
- Neetroplus nematopus* Guenther. Managua; Fish. Central America, 470.

## GOBIIDÆ.

## GOBIOMORUS Lacépède.

*Gobiomorus lateralis* Gill. Rio Presidia, Mazatlan, Panama. Guenther, Cat. Fish. Brit. Mus., III, 122.

*Gobiomorus dormitator* Lacépède. Mexico, Lake Nicaragua. Guenther, loc. cit., 119. *G. longiceps* Guenther.

## DORMITATOR Gill.

*Dormitator maculatus* (Bloch.) Anamahal, Cordova. Guenther, loc. cit., 557.

## ELECTRIS Bloch and Schneider.

*Electris pisonis* (Guelin). Rio Bayano. Guenther, loc. cit., 122.

*Electris æquidens* (Jordan & Gilbert). Mazatlan, Colima. Proc. U. S. Nat. Mus., 1881, 461.

## SICYOPTERUS Gill.

*Sicyopterus gymnogaster* Grant. Mazatlan. Proc. Zool. Soc. Lond., 1884, 158.

## CHONOPHORUS Poey.

*Chonophorus tiasica* (Lichtenstein). Both Coasts of Mexico, entering rivers. Guenther, Cat. Fish. Brit. Mus., III, 59, as *Gobius banana*.

*Chonophorus mexicanus* (Guenther). Eastern slope of Mexico. Loc. cit., 61.

## GOBIOIDES Lacépède.

*Gobioïdes broussoneti* (Lacépède). Mexico. Steindachner, Zur Fischfauna des Cauca, etc., 43, 1879.

The following marine species have also been found in fresh water:\*

*Tachisurus jordani* Eigenmann & Eigenmann. Rio Presidio, Mazatlan.

*Tachisurus guatemalensis* (Guenther). Rio Presidio.

*Tachisurus cœrulescens* (Guenther). Rio Presidio.

*Centropomus robalito* Jordan & Gilbert. Rio Presidio.

*Bairdiella icistia* (Jordan & Gilbert). Rio Presidio.

*Gerres peruvianus* Cuv. & Val. Rio Presidio.

*Gerres lineatus* (Humboldt). Rio Presidio.

BLOOMINGTON, IND., September 19, 1892.

\* See Proc. U. S. Nat. Mus., 1888, 329.

NOTE.—Dr. Theo. Gill has kindly called my attention to the following paper and list of new species: Holmberg, F. L. Sobre algunos Peces nuevos o poco conocidos de la Republica Argentina in Rev. Arg. Hist. Nat., I, 180-193, 1891.

*Acharnes niederleini*, p. 181, [*Acharnes* (Müll.) is a mere synonym of *Cichla*—T. Gill]; *A. chacoensis*, p. 182; *Heros centralis*, p. 183; *Curimatus nitens*, p. 184; *C. conspersus*, p. 185; *Prochilodus platensis*, p. 186; *Leporinus solaris*, p. 187; *Tetragonopterus correntinus*, p. 188; *T. erythropterus*, p. 189; *Chalcinobius* (n. g.) *argentinus*, p. 191; *Fiabuet melanostoma*, p. 192; *Myletes* (*Myleus*) *mesopotamicus*, p. 193.